Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement : 10-10-2022

Item No	Discription of Item	No	Length	A.Breadth	A.Depth	Qty	Unit
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.						
	Footings						
	NES Circle LED Light Tower	1	5.00	5.00	4.15	103.75	1
					Present Qty	**103.75**	**Cum**

Asst. Executive Engineer
Yelahanka
BBMP, Bangalore - 92

Contractor

Assistant Engineer

Asst. Executive Engineer,

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement : 12-10-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.						
	Footings						
	NES Circle LED Light Tower	1	5.00	5.00	0.15	3.75	
					Present Qty	**3.75**	**Cum**

Contractor

Assistant Engineer

Asst. Executive Engineer,

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement : 16-10-2022 , 20-10-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix M15 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.						
	Footings						
	NES Circle LED Light Tower	1	5.00	5.00	0.20	5.00	
					Present Qty	**5.00**	**Cum**

Contractor

16/10
Assistant Engineer

Asst. Executive Engineer,

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after wetting with						
	NES Circle LED Light Tower					[illegible]	
	Total Earth work Qty					-3.75	
	Deduct Sand Boulder Qty					-3.000	
	Deduct PCC Qty					-10.13	
	Deduct Footing Concrete Qty					-10.79	
	Deduct Pedastal Up to Ground Level						
					Present Qty	91.08	C.B.M
					Qty to be released	13.50	C.B.M
					Reserved Qty	77.58	C.B.M

Contractor

Assistant Engineer

Asst. Executive Engineer

Jnt. Executive Engineer,
Yelahanka Zone
BBMP, Bangalore - 92

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-k of: Providing Sculptures / Murals at Parks, Lakes and Junctions ...

		Gravel/ Solid block/ SSM	Sand		Remarks
		Quantity	Constant	Quantity	
			0.53	2.65	
				25.46	

Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with						
	NES Circle LED Light Tower					103.75	
	Total Earth work Qty					-3.75	
	Deduct Sand Boulder Qty					-5.00	
	Deduct PCC Qty					-10.13	
	Deduct Footing Concrete Qty					-33.79	
	Deduct Pedastal Up to Ground Level						
					Present Qty	**51.08**	**Cum**
					Qty to be released	**33.94**	**Cum**
					Reseved Qty	**17.14**	**Cum**

Contractor

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer,
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with						
	NES Circle LED Light Tower						
	Total Earth work Qty					103.75	
	Deduct Sand Boulder Qty					-3.75	
	Deduct PCC Qty					-5.00	
	Deduct Footing Concrete Qty					-10.13	
	Deduct Pedastal Up to Ground Level					-33.79	
					Present Qty	**51.08**	**Cum**
					Qty to be released	**33.94**	**Cum**
					Reseved Qty	**17.14**	**Cum**

Contractor

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer,
Project Division,
Yelahanka Zone
BBMP, Bangalore - 92

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Conveying the excavated earth, debris etc., with all lead and lifts Including loading and unloading chargesetc., complete as per the direction of Engineer incharge.						
	NES Circle LED Light Tower					103.75	
	Total Earth work Qty	As per	Gtm no 01			-51.08	
	Filling Earth work Qty		Gtm no 05				
					Present Qty	**52.67**	**Cum**

Contractor

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Zone
Engineering Division
BBMP

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

te of Measurement : 21/10/22

mo	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.						
	NES Circle LED Light Tower						
	Footing	1	18.00		0.50	9.00	
	Pedastal Up to Ground Level	1	12.80		3.30	42.24	
						51.24	**Sqm**

Asst.Executive Engineer Yelahanka BBMP, Bangalore - 92

Contractor

Assistant Engineer

Asst. Executive Engineer,

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement : 26-10-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications						
	NES Circle LED Light Tower						
	Pedastal Above Ground Level	1	12.80		1.00	12.80	
					Present Qty	**12.80**	**Sqm**

Asst. Executive Engineer
Yelahanka
BBMP, Bangalore

Contractor

Assistant Engineer 26/10

Asst. Executive Engineer,

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement : 26-10-2022, 28/10/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls,						
	NES Circle LED Light Tower						
	For Footing	1	4.50	4.50	0.50	10.13	
	Pedastal Up to Ground Level	1	3.20	3.20	0.30	33.79	
	Pedastal Up to Ground Level	1	3.20	3.20	1.00	10.24	
					Present Qty	**54.16**	**Cum**

Contractor

26/10

Assistant Engineer

Asst. Executive Engineer,

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Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement : 22-10-2022 to 25-10-2022

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification							
	NES Circle LED Light Tower							
	Footing 4.50mX 4.50m							
	Main Bar 16mm dia @150mm c/c both Ways= 1.58kg/m.		60	5.10		1.58	483.48	
			60	5.10		1.58	483.48	
	For Pedestal							
	80 # 16mm dia bar @125mmC/c		48	9.00		1.58	682.56	
	Distrubution Bar 12mm dia @125mm c/c		36	12.00		0.89	384.48	
	Bracing Rods 10mm dia bar at 125mmc/c	6	36	3.00		0.61	395.28	
						Present Qty	**2429.28**	**Kg**
						Present Qty	**2.43**	**Ton**

Contractor

Assistant Engineer

Asst. Executive Engineer,

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ame of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

m o	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not								
	Vide premeasurement page no.					**103.75**	**Cum**	**338.74**	**35144.28**
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and								
	Vide premeasurement page no.					**3.75**	**Cum**	**2751.86**	**10319.48**
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix M15 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @								
	Vide premeasurement page no.					**5.00**	**Cum**	**6706.56**	**33532.80**
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead								
	Vide premeasurement page no.					**33.94**	**Cum**	**227.72**	**7728.82**
6	Conveying the excavated earth, debris etc., with all lead and lifts Including loading and unloading chargesetc., complete as per the direction of Engineer incharge.								
	Vide premeasurement page no.					**51.08**	**Cum**	**70.38**	**3595.22**
7	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials,								
	Vide premeasurement page no.					**52.67**	**Sqm**	**292.29**	**15394.04**
8	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour								
	Vide premeasurement page no.					**12.80**	**Sqm**	**1034.36**	**13239.81**
9	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine								
	Vide premeasurement page no.					**54.16**	**Cum**	**7383.34**	**399859.54**
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and								
	Vide premeasurement page no.					**2.43**	**Ton**	**99036.47**	**240587.32**

Contractor

Assistant Engineer

Asst. Executive Engineer,

Scanned by TapScanner

Name of Work:Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Detailed Measurements

Date of Measurement :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	PROVIDING, SUPPLYING, INSTALLATION, TESTING AND COMMISSIONING OF 9 MTS LED ART TOWER LIGHTING (1 UNIT) with custom design of Design supply erection and commissioning of burgeon shaped tree. a) Fabrication of external dimension of structure is dia 4472mm at ground dia 9634mm at top height 9075mm from ground. b) The structure has total of 10 no. Of horizontal support 7 nos of 4472mm dia,1nos Of 6193 mm dia, 1nos Of 7914 mm dia, 1no Of 9634mm dia c) Horizontal anular rings are made up of 25mm od 2mm thick MS tubes rolled into arc with CNC machine for accurate and repeatable shapes. d) The structure has 18 to 20 no. Of vertical supports around the vertical rings equi spaced made up or 25mm od MS tube 2mm thick and bent into tree shapes. e) The structure is degresed and coated with zinc chromate primer at dispatched for effective corrosion protection. f) The burgeon tree structure is split into minimum of 4 sectors for ease of erection transportation and availability of material, at site the 4 sectors will be welded or mechanically fastened., g) 1800 nos LED Pixel Dot, Color: RGBW, Protection: IP65, Power consumption: 1.44W, PixelHousing Transparent PC Milk white diffuser, Control: SPI,DC5/12/24V, .RGBW Pixels: 4 Channels, Working temperature: -20~85, Automatic address code. h) 1 nos Master Controller DVI, work with computer online, can be compatible with pixel editing software. i) 2 nos Slave controller, DMX 512/ SPI, Power 5W, Ac input 110-240V, 50Hz, working temperature -30 D to +65D.j) 20 nos DC power driver, Power: 350W, Input: AC 110-240 V AC, 50Hz, Output: DC5/12V, Protection: rainproof. k) 200 nos PVC insulated multi core electrical unarmored flexible 3Cx2.5 Sqmm power cable having lessel ectrical losses.This PVC insulated and round sheathed wire features a bright multistrands copper conductors and it supports voltage grade upto 1100V.(As per actuals depending upon the site condition). l) 500 mts PVC insulated multi core electrical unarmored flexible 2Cx1.5 Sqmm power cable having less electrical losses.This PVC insulated and round sheathed wire features a bright multistrands copper conductors and it supports voltage grade upto								
	NES Circle LED Light Tower	1				1.00		PART RATE	
					Present Qty	1.00	Nos	6026650.00	6026650.00
							Total		6786051.29
							GST 12%		91128.16
							Grand Total		6877179.45

01/12/2022

68,76,900=00

Contractor

Assistant Engineer 1/12/22

Asst. Executive Engineer 28/12/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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